





FORM PTO-1449 U.S. Department of Commerce Patent & Trademark Office  <b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>	Attorney Docket No. 010482.53148US	Serial No. (To Be Assigned)
	Applicant: Kazuki HAYASHIBARA et al.	
	Filing Date January 13, 2004	Group (To Be Assigned)

U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Sub-Class	Filing Date (if appropriate)
	AA						
	AB						
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	AH						
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	AJ						

FOREIGN PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Country	Class	Sub- Class	TRANSLATION	
							Yes	No
	AK	10-125003	5/15/98	Japan			Abstract	
	AL	2000-222826	8/11/00	Japan			Abstract	
	Am	2001-250318	9/14/01	Japan			Abstract	
	AN	2001-344906	12/14/01	Japan			Abstract	
	AO							
	AP							

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)							
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>		<b>Complete if Known</b>	
		Application Number	10/757,472
		Filing Date	January 15, 2004
		First Named Inventor	Kazuki HAYASHIBARA
		Art Unit	2655
		Examiner Name	Unassigned
Sheet 1 of 1	Attorney Docket Number	010482.63148US	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US- 6,483,988	11-19-2002	Tadashi Noguchi et al.	

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)					
/H.S./	AB	JP 10-106167		04-24-1998	Toshiba Corp.		AB
/H.S./	AC	JP 11-500254		01-06-1999			
/H.S./	AD	WO 97/14149		04-17-1997	Phillips Electronics N.V.		
/H.S./	AE	JP 08-287616		11-01-1996	Matsushita Electric Ind. Co. Ltd.		AB
/H.S./	AF	JP 2000-123486		04-28-2000			
/H.S./	AG	JP 2001-126377		05-11-2001	Kenwood Corp.		AB
/H.S./	AH	JP 2000-293951		10-20-2000	Pioneer Electronic Corp.		AB
/H.S./	AI	JP 11-096653		04-09-1999	Toshiba Corp.		AB
/H.S./	AJ	JP 11-266432		09-28-1999	Pioneer Electronic Corp.		AB

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	AK	Japanese Office Action dated December 9, 2005 with English translation	

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